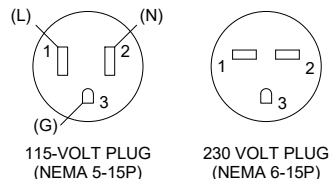
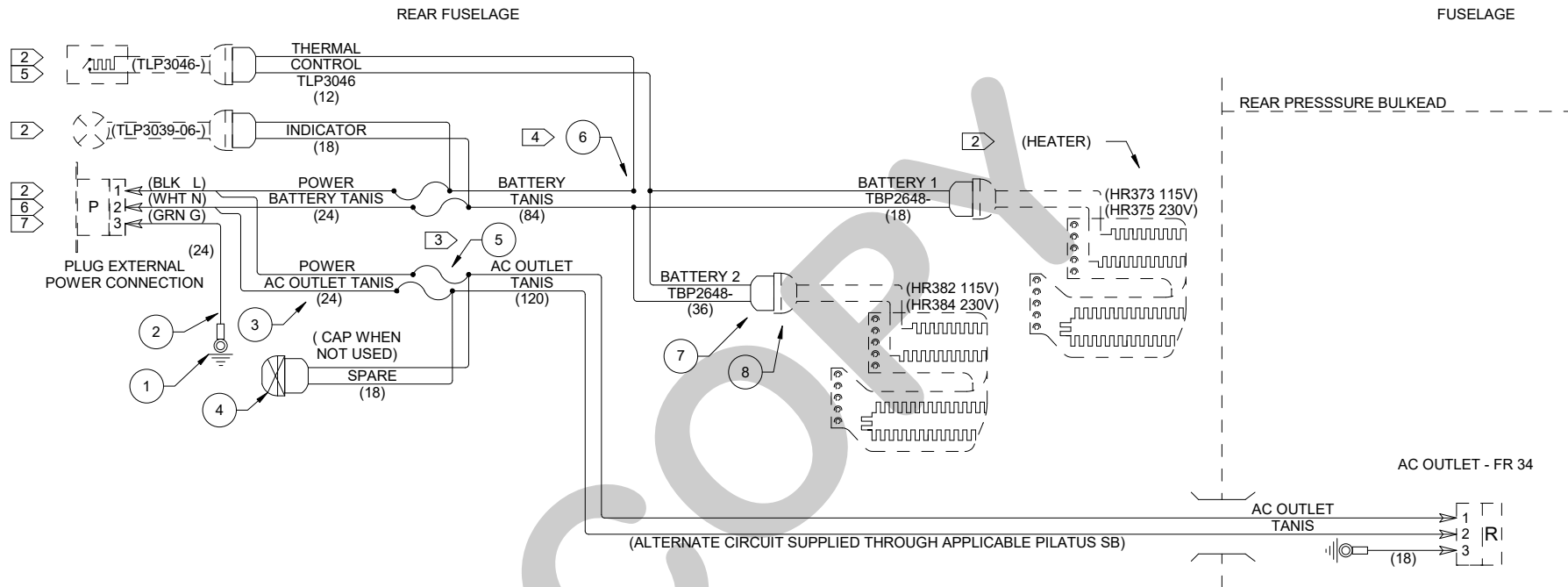


## NOTES

- 1 CABLE KIT USED WITH 115 AND 230-VOLT KITS (CABLING 18 GAUGE M27500 P/N: 22759-182). REFERENCE TANIS INSTRUCTION (TNF3080, TNF3084 OR TNF3264) AND/OR PILATUS SB (25-040, 25-041, 25-042, 25-047, 25-048).
  - POWER LEAD AND GROUND PINOUT DEPICTED IN SHORE POWER PLUG CONFIGURATION THIS SHEET.
  - TERMINATE ARROWED WIRES AS INDICATED, REFERENCE NOTES IN PARENTHESES ( ).
  - LEADS MAY BE LENGTHENED, CUT AND RE-TERMINATED OR CAPPED AS REQUIRED, REFER TO INSTRUCTION TN02598.
  - CIRCUIT PROTECTION DEVICE (CPD) NOT TO EXCEED 12 AMPS.
  - CIRCUIT LOAD NOT TO EXCEED 80% OF CPD AMPERAGE RATING.
  - WIRING IN PARALLEL, NEC/NEMA COLOR CODE.

NOTE: SPEC. AS22759/187 TINT OF PTFE BLACK WIRE INSULATOR MAY APPEAR GRAY IN COLOR.

- 2 SUPPLIED THROUGH NEXT HIGHER ASSEMBLY (NHA) OR SOURCED SEPARATELY.
- 3 CPD 12A FUSE REPLACEMENT P/N: TU02848. CPD REPLACEMENT/REPAIR P/N: TL03013-BK. INCLUDES 12A FUSES AND CONNECTOR KITS FOR SPLICE AS NEEDED, REFER TO TN03013.
- 4 THERMAL CONTROL CABLE ASSEMBLY REPLACEMENT REFER TO CABLE WIRE DIAGRAM DRAWING 03116 AND INSTRUCTION TN02598, MAY REQUIRE ADDITIONAL FIELD CONFIGURATION, CONNECTORS AND CABLING.
- 5 LOCATE THERMAL CONTROL IN BATTERY ENVIRONMENT/STATION 6 TO 18 INCHES / 15 TO 45 CM FROM HEAT ELEMENT (AMBIENT AIR SENSOR CIRCUIT CLOSED BELOW FREEZING OPEN ABOVE).
- 6 CORRESPONDING RECEPTACLE PLUG ADAPTOR (OUTLET) SUPPLIED WITH 230 VOLT KIT THROUGH NHA AND WIRED ON EXTENSION CORDS PROVIDED BY OPERATOR (INSTRUCTION TN02829).
- 7 BEFORE CONNECTING TO POWER COMPLETE FUNCTIONAL SYSTEM CHECK WITH OHMMETER, REFER TO KIT SPECIFIC INSTRUCTION AND/OR TNG1000.



### DETAIL - SHORE POWER PLUG

1. "BLK" TO BRASS OR BLACK SCREW.
2. "WHT" TO SILVER SCREW.
3. "GRN" TO GREEN GROUND SCREW.

THE INFORMATION CONTAINED IN THIS DOCUMENT AND ALL OTHER ASSOCIATED DOCUMENTS IS PROPRIETARY TO TANIS AIRCRAFT PRODUCTS AND WILL NOT BE REPRODUCED DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WITH DIRECT WRITTEN AUTHORIZATION FROM TANIS AIRCRAFT PRODUCTS.

8	1	TCP2598	REF	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)
7	1	TCS2598	5	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
6	1	N/A	1	MFG ASSEMBLE PER DWG 03105 DETAIL B	TANIS - THERMAL CONTROL CABLE ASSEMBLY - DUAL BATTERY
5	1	N/A	2	MFG ASSEMBLE PER DWG 03013 DETAIL B	TANIS - CPD W/SPARE LEAD INCLUDES 2 EACH TU02848 12A FUSES
4	1	DT04-2P-C017	1	SEALING CAP - SOCKET CONNECTOR	TE - GREY (AS NEEDED)
3	1	22759-182	354	18 GAUGE - 2 CONDUCTOR	TANIS - WHT/BLK RED JACKET (LENGTH INCHES)
2	1	22759-181	36	18 GAUGE - 1 CONDUCTOR	TANIS - GREEN (LENGTH INCHES)
1	1	MS25036-103	2	RING TERMINAL - GROUND	MS - #10 RING - CRIMP TERMINAL

ITEM	SHT	PART NUMBER	QTY	DESCRIPTION	MATERIAL / SPECIFICATIONS
MATERIAL LIST					
(vc6 TC format H)					
CURRENT REV APPROVAL:				DRAWN BY	GLEN OLIN
F	REMOVE AMM REFERENCE AND ROUTING NOTE	JUN-24-2020	DNE	CHECKED BY	DIRK ELLIS
E	REDRAW WITH PILATUS SB REFERENCES	JUN-05-2020	DNE	SCALE	NOT TO SCALE
D	ADD LEAD LENTH AND NOTE 4	APR-18-2016	DNE	<b>TANIS AIRCRAFT PRODUCTS</b> GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425	
C	SEGREGATE BATTERY AND AC OUTLET CIRCUIT PROTECTION	FEB-09-2016	GDO		
REV	CHANGE	DATE	INIT		
TITLE:					CABLE KIT
SPEC:					90000
SUPERSEDES:					N/A
DRAWING:					03114
SHEET:					1 OF 1